

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/396,539

DATE: 08/21/2000
TIME: 23:31:44

INPUT SET: S35775.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

- 1
- 2
- 3 (1) General Information:
- 4
- 5 (i) APPLICANT: Palese, Peter
- 6 Garcia-Sastre, Adolfo
- 7
- 8 (ii) TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
- 9 EXPRESSION SYSTEMS AND VACCINES
- 10
- 11 (iii) NUMBER OF SEQUENCES: 60
- 12
- 13 (iv) CORRESPONDENCE ADDRESS:
- 14 (A) ADDRESSEE: Pennie & Edmonds
- 15 (B) STREET: 1155 Avenue of the Americas
- 16 (C) CITY: New York
- 17 (D) STATE: New York
- 18 (E) COUNTRY: USA
- 19 (F) ZIP: 10036-2711
- 20
- 21 (v) COMPUTER READABLE FORM:
- 22 (A) MEDIUM TYPE: Floppy disk
- 23 (B) COMPUTER: IBM PC compatible
- 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- 26
- 27 (vi) CURRENT APPLICATION DATA:
- 28 (A) APPLICATION NUMBER: 09/396,539
- 29 (B) FILING DATE:
- 30 (C) CLASSIFICATION:
- 31
- 32
- 33 (vii) PRIOR APPLICATION DATA:
- 34 (A) APPLICATION NUMBER: 08/252,508
- 35 (B) FILING DATE:
- 36
- 37
- 38 (viii) ATTORNEY/AGENT INFORMATION:
- 39 (A) NAME: Coruzzi, Laura A.
- 40 (B) REGISTRATION NUMBER: 30,742
- 41 (C) REFERENCE/DOCKET NUMBER: 7682-034
- 42
- 43 (ix) TELECOMMUNICATION INFORMATION:
- 44 (A) TELEPHONE: (212) 790-9090
- 45 (B) TELEFAX: (212) 869-9741/8864
- 46 (C) TELEX: 66141 PENNIE

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47
48
49 (2) INFORMATION FOR SEQ ID NO:1:
50
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 21 base pairs
53 (B) TYPE: nucleic acid
54 (C) STRANDEDNESS: single
55 (D) TOPOLOGY: linear
56
57 (ii) MOLECULE TYPE: DNA
58
59
60
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
62
63 TACGAGGAAA TGTCCTGTT A
64
65 (2) INFORMATION FOR SEQ ID NO:2:
66
67 (i) SEQUENCE CHARACTERISTICS:
68 (A) LENGTH: 19 amino acids
69 (B) TYPE: amino acid
70 (C) STRANDEDNESS: single
71 (D) TOPOLOGY: linear
72
73 (ii) MOLECULE TYPE: peptide
74
75
76
77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
78
79 Gln Leu Val Trp Met Ala Cys Asn Ser Ala Ala Phe Glu Asp Leu Arg
80 1 5 10 15
81 Val Leu Ser
82
83
84
85 (2) INFORMATION FOR SEQ ID NO:3:
86
87 (i) SEQUENCE CHARACTERISTICS:
88 (A) LENGTH: 16 amino acids
89 (B) TYPE: amino acid
90 (C) STRANDEDNESS: single
91 (D) TOPOLOGY: linear
92
93 (ii) MOLECULE TYPE: peptide
94
95
96
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
98
99 Thr Tyr Gln Arg Thr Arg Gln Leu Val Arg Leu Thr Gly Met Asp Pro

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15

100 1 5 10
101
102
103 (2) INFORMATION FOR SEQ ID NO:4:
104
105 (i) SEQUENCE CHARACTERISTICS:
106 (A) LENGTH: 95 base pairs
107 (B) TYPE: nucleic acid
108 (C) STRANDEDNESS: single
109 (D) TOPOLOGY: linear
110
111 (ii) MOLECULE TYPE: DNA
112
113
114
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
116
117 GAAGCTTAAT ACGACTCACT ATAAGTAGAA ACAAGGGTGT TTTTTCATAT CATTTAACT 60
118
119 TCACCCTGCT TTTGCTGAAT TCATTCTTCT GCAGG 95
120
121 (2) INFORMATION FOR SEQ ID NO:5:
122
123 (i) SEQUENCE CHARACTERISTICS:
124 (A) LENGTH: 95 base pairs
125 (B) TYPE: nucleic acid
126 (C) STRANDEDNESS: single
127 (D) TOPOLOGY: linear
128
129 (ii) MOLECULE TYPE: DNA
130
131
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
134
135 GAAGCTTAAT ACGACTCACT ATAAGCAAAA GCAGGGTGAA GTTTAAATGA TATGAAAAAA 60
136
137 CACCCTTGTT TCTACTGAAT TCATTCTTCT GCAGG 95
138
139 (2) INFORMATION FOR SEQ ID NO:6:
140
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 68 base pairs
143 (B) TYPE: nucleic acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) MOLECULE TYPE: DNA
148
149
150
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
152

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153 AGCTTAATAC GACTCACTAT AAGATCTATT AAACCTCACC CTGCTTTTGC TGAATTCATT 60
154
155 CTTCTGCA
156
157 (2) INFORMATION FOR SEQ ID NO:7: 68
158
159 (i) SEQUENCE CHARACTERISTICS:
160 (A) LENGTH: 60 base pairs
161 (B) TYPE: nucleic acid
162 (C) STRANDEDNESS: single
163 (D) TOPOLOGY: linear
164
165 (ii) MOLECULE TYPE: DNA
166
167
168
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
170
171 GAAGAATGAA TTCAGCAAAA GCAGGGTGAA GTTTAATAGA TCTTATAGTG AGTCGTATTA 60
172
173
174 (2) INFORMATION FOR SEQ ID NO:8:
175
176 (i) SEQUENCE CHARACTERISTICS:
177 (A) LENGTH: 42 base pairs
178 (B) TYPE: nucleic acid
179 (C) STRANDEDNESS: single
180 (D) TOPOLOGY: linear
181
182 (ii) MOLECULE TYPE: DNA
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
187
188 CCGAATTCTT AATACGACTC ACTATAAGTA GAAACAAGGG TG 42
189
190 (2) INFORMATION FOR SEQ ID NO:9:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 30 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: DNA
199
200
201
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
203
204 CCTCTAGACG CTCGAGAGCA AAAGCAGGTG
205

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206 (2) INFORMATION FOR SEQ ID NO:10:
207
208 (i) SEQUENCE CHARACTERISTICS:
209 (A) LENGTH: 15 base pairs
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: unknown
213
214 (ii) MOLECULE TYPE: RNA (genomic)
215
216
217
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
219
220 CACCCUGCUU UUGCU
221
222 (2) INFORMATION FOR SEQ ID NO:11:
223
224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 15 base pairs
226 (B) TYPE: nucleic acid
227 (C) STRANDEDNESS: single
228 (D) TOPOLOGY: unknown
229
230 (ii) MOLECULE TYPE: RNA
231
232
233
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
235
236 CACCCUGCUU UUACU
237
238 (2) INFORMATION FOR SEQ ID NO:12:
239
240 (i) SEQUENCE CHARACTERISTICS:
241 (A) LENGTH: 15 base pairs
242 (B) TYPE: nucleic acid
243 (C) STRANDEDNESS: single
244 (D) TOPOLOGY: unknown
245
246 (ii) MOLECULE TYPE: RNA
247
248
249
250 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
25

15

15

252 CACCCUGCUU CUGCU

253

15

254 (2) INFORMATION FOR SEQ ID NO:13:

255

256 (i) SEQUENCE CHARACTERISTICS:

257 (A) LENGTH: 15 base pairs

258 (B) TYPE: nucleic acid